

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) A method, in a data processing system comprising a user display interface for display of information to a user of the data processing system, for providing context sensitive database assistance in an integrated development environment, the method comprising:  
receiving a database query statement;  
responsive to activation of a database assistance function, generating a database assistance interface based on at least a portion of the database query statement and database information for each database ~~to be used~~ useable in a project;  
displaying the database assistance interface on the user display interface; and  
responsive to user input using the user display interface, populating the database query statement.
2. (Currently amended) The method of claim 1, wherein the database assistance interface displayed on the user display interface includes one of a database selection interface, a table selection interface, a column selection interface, a record insertion interface, a column value set interface, and a search condition interface.
3. (Currently amended) The method of claim 1, further comprising:  
determining whether a table name in the database query statement is ambiguous with respect to other table names in the each database, and if so, providing wherein the database assistance interface includes a table selection interface for selecting a table from a plurality of candidate tables using the user display interface.
4. (Original) The method of claim 3, wherein the plurality of candidate tables exist in a plurality of databases.
5. (Original) The method of claim 3, wherein the plurality of candidate tables exist in a plurality of schemas.

6. (Currently amended) The method of claim 1, further comprising:  
determining whether a column name in the database query statement is ambiguous with respect to other column names in the each database, and if so, providing wherein the database assistance interface includes a column selection interface for selecting a column name from a plurality of candidate column names using the user display interface.
7. (Currently amended) The method of claim 1, wherein the database assistance interface presents metadata on the user display interface to assist a user.
8. (Currently amended) The method of claim 1, further comprising:  
receiving database information for each database ~~to be used~~ useable in the project; and  
storing a local data model for each database.
9. (Original) The method of claim 8, wherein the step of storing a local data model includes:  
connecting to a database;  
retrieving a data model for the database; and  
storing the data model for the database locally.
10. (Original) The method of claim 8, wherein the step of storing a local data model includes:  
connecting to each database;  
determining whether a data model for each database has changed; and  
responsive to a data model for a database having changed, updating a local data model for the database.
11. (Original) The method of claim 1, wherein the database information includes at least one of schema name, database name, username, password, and port number.
12. (Currently amended) An apparatus for providing context sensitive database assistance in an integrated development environment, the apparatus comprising:  
receipt means for receiving a database query statement;  
generation means, responsive to activation of a database assistance function, for generating a database assistance interface based on at least a portion of the database query statement and database information for each database ~~to be used~~ useable in a project;

display means for displaying the database assistance interface on a user display interface that displays information to a user of the apparatus; and  
assistance means, responsive to user input using the user display interface, for populating the database query statement.

13. (Currently amended) The apparatus of claim 12, wherein the database assistance interface displayed on the user interface includes one of a database selection interface, a table selection interface, a column selection interface, a record insertion interface, a column value set interface, and a search condition interface.

14. (Currently amended) The apparatus of claim 12, further comprising:  
means for determining whether a table name in the database query statement is ambiguous with respect to other table names in the each database,  
~~wherein the database assistance interface includes~~ means for providing a table selection interface for selecting a table from a plurality of candidate tables using the user display interface if the table name is ambiguous.

15. (Currently amended) The apparatus of claim 12, further comprising:  
means for determining whether a column name in the database query statement is ambiguous with respect to other column names in the each database,  
~~wherein the database assistance interface includes~~ means for providing a column selection interface for selecting a column name from a plurality of candidate column names using the user display interface.

16. (Currently amended) The apparatus of claim 12, further comprising:  
means for receiving database information for each database ~~to be used~~ useable in the project; and  
means for storing a local data model for each connection.

17. (Original) The apparatus of claim 16, wherein the means for storing a local data model includes:  
means for connecting to a database;  
means for retrieving a data model for the database; and  
means for storing the data model for the database locally.

18. (Original) The apparatus of claim 16, wherein the means for storing a local data model includes:  
means for connecting to each database;  
means for determining whether a data model for each database has changed; and  
means, responsive to a data model for a database having changed, for updating a local data model for the database.
19. (Original) The apparatus of claim 12, wherein the database information includes at least one of schema name, database name, username, password, and port number.
20. (Currently amended) A computer program product, tangibly embodied in a tangible computer readable medium, for providing context sensitive database assistance in an integrated development environment, the computer program product comprising:  
instructions for receiving database information for each connection ~~to be used~~ useable in a project;  
instructions for receiving a database query statement;  
instructions for, responsive to activation of a database assistance function, generating a database assistance interface based on at least a portion of the database query statement;  
instructions for displaying the database assistance interface on a user display interface that displays information on the apparatus; and  
instructions for, responsive to user input using the user display interface, populating the database query statement.